



IFW

Attorney's Docket No.: 07844-628001 / P581

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : John W. Worthington  
Serial No. : 10/767,385  
Filed : January 28, 2004  
Title : USING FORWARD AND BACKWARD KERNELS TO FILTER IMAGES

Art Unit : 2621  
Examiner : Unknown

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

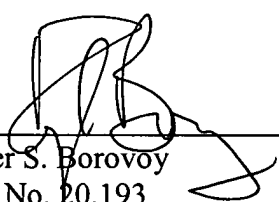
TRANSMITTAL LETTER

The applicant respectfully submits herewith an executed Power of Attorney by Assignee for the above-referenced patent application. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: \_\_\_\_\_

8/27/05

  
\_\_\_\_\_  
Roger S. Borovoy  
Reg. No. 20,193

Fish & Richardson P.C.  
500 Arguello Street, Suite 500  
Redwood City, California 94063  
Telephone: (650) 839-5070  
Facsimile: (650) 839-5071

50233996.doc

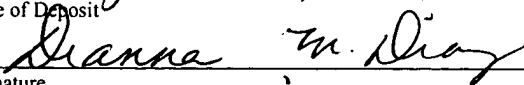
CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Deposit

August 27, 2004

Signature



Dianna M. Diaz

Typed or Printed Name of Person Signing Certificate



POWER OF ATTORNEY BY ASSIGNEE  
Attorney Docket No. 07844-628001  
Client Ref. No. P581

IN THE U.S. PATENT AND TRADEMARK OFFICE

Inventor(s): John W. Worthington  
Application Serial No.: 10/767,385  
Filed: January 28, 2004  
For: Using forward and backward kernels to filter images

POWER OF ATTORNEY BY ASSIGNEE AND ELECTION OF ASSIGNEE  
TO CONDUCT PROSECUTION TO EXCLUSION OF INVENTOR(S) UNDER 37 C.F.R. §3.71, et seq.

The undersigned, as authorized representative of the assignee of the entire right, title and interest in the above-identified application, hereby appoints the practitioners associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith with full powers of substitution and revocation, said appointment to be to the exclusion of the inventor(s) and his/their attorney(s) in accordance with the provisions of 37 C.F.R. §3.71, et seq. of the Patent Office Rules of Practice, and directs that all correspondence be addressed to that Customer Number:

**Customer Number 021876**

Ownership is in the assignee, Adobe Systems Incorporated, a Delaware corporation having a place of business at 345 Park Avenue, San Jose, California 95110, by virtue of an assignment from the inventor(s) of the patent application described above.

- ☐ An assignment from the inventor(s) is filed herewith.
- ☒ An assignment from the inventor(s) to Adobe Systems Incorporated was recorded in the Patent and Trademark Office at Reel 014947 Frame 0862 on January 28, 2004.
- ☐ An assignment from Assignor \_\_\_\_\_ to Assignee \_\_\_\_\_ was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_ Frame \_\_\_\_\_ on \_\_\_\_\_.
- ☐ An assignment from Assignor \_\_\_\_\_ to Assignee \_\_\_\_\_ was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_ Frame \_\_\_\_\_ on \_\_\_\_\_.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned, whose title is supplied below, is empowered to act on behalf of the assignee.

Please direct all communications regarding the application to Customer Number 021876.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Signature:

Date:

8/24/04

Printed Name: Peter F. Ullmann

Title: Patent Programs Manager of

Assignee: Adobe Systems Incorporated